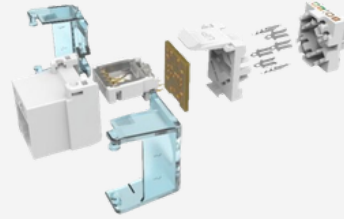


Keystone Jack, Unshielded, Cat6A- FKS6AU**



DESCRIPTION

FABNET Cat 6A keystone Jacks for 22 to 24-gauge stranded and solid cables meet the international standard ISO/IEC 11801 and the ANSI/TIA-568.2-D requirements. Each Keystone Jack has a compact casing that will fit into any standard-sized faceplate, blank patch panels, surface boxes and outlet boxes. Category 6A Unshielded 180 Degree RJ45 110 Punchdown and toolless ethernet Keystone Jack is suitable for 22 gauge to 24 gauge stranded and solid wires

APPLICATIONS

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (IEEE 802.3)
- POE Type 1 to 4 applications.
- Telecommunications/Voice applications
- Easily snap in and out of patch panel, and surface boxes or other application.

SPECIFICATIONS & FEATURES

- Compliant with ISO/IEC 11801-1, IEC 60603-7, ANSI/TIA-568.2-D, IEC 60512-99-002
- Universal color-coding according to T568A and T568B
- Suitable for all types of Universal Keystone patch panels, face plates, floor box adapters, etc.
- Dual color-coding allows for 568 A/B wiring configuration
- 50-micron gold-plated contacts
- RJ-11 & RJ-12 compatible
- IEEE /TIA Standard interface provides a seamless plug and play connection to RJ45 Patch cords.
- Tool-less type, easy installation.
- RoHS Compliant.

PHYSICAL & ENVIRONMENTAL PROPERTIES

Contact compatibility	22~24AWG	Category	Category 6A
IDC	Phosphor bronze, nickel plating+tin plating	PIN	Phosphor bronze, 50u "gold plated.
Housing	PC, UL 94V-0	Plastic Parts	PC, UL 94V-0
Contact Plating Material	Gold plated on contact area	PCB	FR-4 ,UL94V-0
PCB	FR-4	Connector Type	RJ45
Operating temperature	-10 °C ~ 60 °C	Operating humidity	-40 °C ~ 70 °C
Storage temperature	10%~90%	Wiring sequence	T568A/T568B

ELECTRICAL & MECHANICAL PROPERTIES

Plug Insertion Life	≥ 750 cycles with FCC compliant RJ45 plug
Durability IDC	≥ 20 cycles
Plug Retention Force	50N
Plug & Jack Contact Force	≤20N
Contact resistance	≤20 mΩ
Insulation Resistance	≥ 500 MΩ
Voltage Proof	1000 VAC ,1 min
DC Resistance	≤ 100 mΩ
Remote powering applications	Support of IEEE 802.3bt Type 4 (PoE++)

ORDERING INFORMATION

FKS6AU**

CAT6 Keystone Jack 110&Krone IDC Gold plating

** -Colour Variants (Blue, Gray, Red, White, Green, Yellow, Black, etc)